Contents Volume 93, 1994

Early Carbonnerous carbonate systems: an alternative to the Camozole paradigm	
V.P. Wright	1
Palaeoenvironmental reconstruction of a condensed hardground-type depositional sequence at the Creta- ceous-Tertiary contact in the Parnassus-Ghiona zone, central Greece	
F. Pomoni-Papaioannou	7
Lithofacies and depositional processes from a Carboniferous lake, Sierra de Narváez, northwest Argentina.	
L.A. Buatois and M.G. Mángano	25
Origin and palaeogeographical distribution of the Viruan iron and phosphate ooids in Estonia: evidence from mineralogical and chemical compositions	
U. Sturesson and H. Bauert	51
Geostrophic versus friction-dominated storm flow: palaeocurrent evidence from the Late Permian Brotherton Formation, England	
T. McKie	73
Changes in garnet chemistry show a progressive denudation of the source areas for Permian-Jurassic sandstones, Southern Kitakami Terrane, Japan	
M. Takeuchi	85
Provenance history of a Carboniferous Gondwana margin forearc basin, New England Fold Belt, eastern Australia: modal and geochemical constraints	
C.G. Skilbeck and P.A. Cawood	107
Discussion	
Geochemistry and diagenesis of stratabound calcite cement layers within the Rannoch Formation of the Brent	
Group, Murchison Field, North Viking Graben (northern North Sea)—comment	
	135
Geochemistry and diagenesis of stratabound calcite cement layers within the Rannoch Formation of the Brent	133
Group, Murchison Field, North Viking Graben (northern North Sea)—reply	
D.J. Prosser, A.E. Fallick, J.A. Daws and B.P.J. Williams	143
Book Reviews	
Orbital Forcing and Cyclic Sequences, by P.L. de Boer and D.G. Smith (Editors)—K.B. Föllmi	149
Geochemistry of Organic Matter in Sediments and Sedimentary Rocks, by L.M. Pratt, J.B. Comer and S.C.	
	150
Analytical Sedimentology, by D.W. Lewis and D. McConchie—R.C. Selley	
Preface	153
Planar cross-bedding associated with rip currents of Upper Cretaceous formations, northeast Japan	
K. Yagishita	155
Sedimentary structures on the Bengal shelf: a multi-scale approach to sedimentary fabric interpretation	4.55
M.P. Segall and S.A. Kuehl	165
Shallow marine sedimentary facies in the earliest Triassic (Griesbachian) Cordilleran miogeocline, U.S.A.	101
R.K. Paull and R.A. Paull	181

Evidence for high-energy events and shallow-water deposition in the Chattanooga Shale, Devonian, central	
Tennessee, USA	
J. Schieber	193
Paleoshoreline patterns in the transgressive-regressive sequences of Pennsylvanian rocks in the northern	
Appalachian Basin, U.S.A.	
E.H. Carlson	209
Quaternary crustal movements examined from facies distribution in the Atsumi and Hamana areas, central	
Japan	
Y. Hiroki	223
Onlap and downlap patterns in Plio-Pleistocene forearc and backarc basin-fill successions, Japan	
F. Masuda	237
Slope-shelf-nearshore depositional sequences with transgressive conglomerate in a Miocene backarc and arc-junction setting, central Japan	
K. Hoyanagi and M. Nishimura	247
Depositional environments and diagenesis of the Dorud Formation, Alborz Mountains, Iran	
R. Okhravi and H. Alizadeh Ketek Lahijani	261
Types and origin of dolostones in the Lower Palaeozoic of the North China Platform	
F. Zengzhao and J. Zhenkui	279